



HOMI BHABHA PUBLIC LECTURE

Nanoscience and the Future of the Global Carbon Cycle

Prof. Paul Alivisatos

Univ. of California Berkeley, Director LBNL

TIFR Lecture Theatre

4pm, Wednesday November 14 , 2012

When material dimensions reach the nanometer scale, quantum mechanical properties that are insignificant in larger, everyday materials dominate, causing these nano-materials to display new and interesting properties. Understanding these properties enables one to exploit them for technological applications of vital importance in the 21st century.

A world leader in the synthesis of artificial nano-structures and quantum dot technology, and one of the principal scientific drivers behind the use of nanoscience to create a new generation of solar photovoltaic cells, Paul Alivisatos, is Professor of Chemistry and Materials Science at the University of California-Berkeley, and Director of the Lawrence Berkeley National Laboratory.

Image: Alivisatos Group UC Berkeley

